

=> s 17 and ((hypertension OR "Hypertension") or high blood pressure or "High blood pressure" or hypertensive or blood pressure)

100600 HYPERTENSION
111 HYPERTENSIONS
100621 HYPERTENSION
(HYPERTENSION OR HYPERTENSIONS)
100600 "HYPERTENSION"
111 "HYPERTENSIONS"
100621 "HYPERTENSION"
("HYPERTENSION" OR "HYPERTENSIONS")
4482724 HIGH
652 HIGHS
4483096 HIGH
(HIGH OR HIGHS)
1418942 BLOOD
1330 BLOODS
1419100 BLOOD
(BLOOD OR BLOODS)
1362453 PRESSURE
188151 PRESSURES
1433194 PRESSURE
(PRESSURE OR PRESSURES)
2775 HIGH BLOOD PRESSURE
(HIGH(W)BLOOD(W)PRESSURE)
4482724 "HIGH"
652 "HIGHS"
4483096 "HIGH"
("HIGH" OR "HIGHS")
1418942 "BLOOD"
1330 "BLOODS"
1419100 "BLOOD"
("BLOOD" OR "BLOODS")
1362453 "PRESSURE"
188151 "PRESSURES"
1433194 "PRESSURE"
("PRESSURE" OR "PRESSURES")
2775 "HIGH BLOOD PRESSURE"
("HIGH" (W) "BLOOD" (W) "PRESSURE")
41951 HYPERTENSIVE
2382 HYPERTENSIVES

<-----User Break----->

SEARCH ENDED BY USER

=> d his

(FILE 'HOME' ENTERED AT 10:08:05 ON 02 DEC 2008)

FILE 'REGISTRY' ENTERED AT 10:08:22 ON 02 DEC 2008

L1 17 S ORYZANOL
L2 1 S ROSEMARIC ACID
L3 134 S CAFFEIC ACID
L4 STRUCTURE UPLOADED
L5 36 S SSS FULL L4
L6 109 S L3 NOT ESTER

FILE 'CAPLUS' ENTERED AT 10:47:19 ON 02 DEC 2008

L7 1072 S 2316-26-9/RN OR 24959-81-7/RN OR 17093-82-2/RN OR 537-73-5/RN
E HYPERTENSION+ALL/CT

E HIGH BLOOD PRESSURE+ALL/CT
 L8 1 S L7 AND ((HYPERTENSION OR "HYPERTENSION") OR HIGH BLOOD PRESSU

 => "Hypertension" OR "Blood pressure" OR "Hypotension"
 "HYPERTENSION" IS NOT A RECOGNIZED COMMAND
 The previous command name entered was not recognized by the system.
 For a list of commands available to you in the current file, enter
 "HELP COMMANDS" at an arrow prompt (>).

 => s "Hypertension" OR "Blood pressure" OR "Hypotension"
 100600 "HYPERTENSION"
 111 "HYPERTENSIONS"
 100621 "HYPERTENSION"
 ("HYPERTENSION" OR "HYPERTENSIONS")
<-----User Break----->

 SEARCH ENDED BY USER

 => l7 and ("Hypertension" OR "Blood pressure" OR "Hypotension")
 L7 IS NOT A RECOGNIZED COMMAND
 The previous command name entered was not recognized by the system.
 For a list of commands available to you in the current file, enter
 "HELP COMMANDS" at an arrow prompt (>).

 => s l7 and ("Hypertension" OR "Blood pressure" OR "Hypotension")
 100600 "HYPERTENSION"
 111 "HYPERTENSIONS"
 100621 "HYPERTENSION"
 ("HYPERTENSION" OR "HYPERTENSIONS")
 1418942 "BLOOD"
 1330 "BLOODS"
 1419100 "BLOOD"
 ("BLOOD" OR "BLOODS")
 1362453 "PRESSURE"
 188151 "PRESSURES"
 1433194 "PRESSURE"
 ("PRESSURE" OR "PRESSURES")
 120840 "BLOOD PRESSURE"
 ("BLOOD" (W) "PRESSURE")
 18792 "HYPOTENSION"
 10 "HYPOTENSIONS"
 18796 "HYPOTENSION"
 ("HYPOTENSION" OR "HYPOTENSIONS")
 L9 2 L7 AND ("HYPERTENSION" OR "BLOOD PRESSURE" OR "HYPOTENSION")

 =>
<-----User Break----->

 => d ibib abs 1-2

 L9 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2008:1225678 CAPLUS
 TITLE: Phytochemical contents and antioxidant capacities of
 two Aloe greatheadii var. davyana extracts
 AUTHOR(S): Botes, Lisa; van der Westhuizen, Francois H.; Loots,
 Du Toit
 CORPORATE SOURCE: School for Physiology, Nutrition and Consumer's
 Science, Potchefstroom, 2531, S. Afr.
 SOURCE: Molecules (2008), 13(9), 2169-2180
 CODEN: MOLEFW; ISSN: 1420-3049
 URL: <http://www.mdpi.org/molecules/papers/13092169.pdf>

PUBLISHER:

Molecular Diversity Preservation International

DOCUMENT TYPE:

Journal; (online computer file)

LANGUAGE:

English

AB Aloe greatheadii var. davyana (Asphodelaceae) is used among rural South African communities to treat arthritis, skin cancer, burns, eczema, psoriasis, digestive problems, high blood pressure and diabetes, despite very little supporting scientific evidence. Due to increased interest by both the scientific community and industry regarding the medicinal uses of this plant species, the authors identified, quantified and compared the phytochem. contents and antioxidant capacities of 2 exts. of A. greatheadii; a leaf gel extract (LGE) and a 95 % aqueous ethanol

leaf gel extract (ELGE), using various modified extraction procedures, GC-MS and

spectrophotometry. Apart from extensively characterizing this medicinal plant with regards to its organic acid, polyphenols/phenolic acid, alc., aldehyde, ketone, alkane, pyrimidine, indole, alkaloid, phytosterol, fatty acid and dicarboxylic acid contents and antioxidant capacities, we describe a modified extraction procedure for the purpose of general phytochem. characterization, and compare this to a 95 % aqueous ethanol extraction technique.

From the results it is clear that A. greatheadii contains a variety of compds. with confirmed antioxidant capacity and other putative health benefits (such as blood glucose, cholesterol and cortisol lowering properties) relating to the prevention or treatment of diabetes, cardiovascular disease, .

REFERENCE COUNT: 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1992:83664 CAPLUS

DOCUMENT NUMBER: 116:83664

ORIGINAL REFERENCE NO.: 116:14251a,14254a

TITLE: Preparation of 5,6,7,8-tetrahydro-4H-thiazolo[5,4-b]azepine derivatives as antihypertensives

INVENTOR(S): Aono, Tetsuya; Shimamoto, Norio

PATENT ASSIGNEE(S): Takeda Chemical Industries, Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 63 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

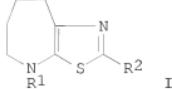
LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|--------|-----------|-----------------|----------|
| JP 03206042 | A | 19910909 | JP 1990-833 | 19900106 |
| PRIORITY APPLN. INFO.: | | | JP 1990-833 | 19900106 |
| OTHER SOURCE(S): | MARPAT | 116:83664 | | |

GI



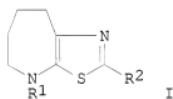
AB The title compds. [I; R1 = H, (un)substituted aliphatic, acyl or sulfonyl; R2 = H, (un)substituted aromatic or aliphatic] are prepared as K channel opener. Thus, 14.8 g 1,1'-carbonyldiimidazole was added to a solution of 12 g 2,6-F2C6H3CO2H in THF and thereto after stirring 15 min at room temperature

g 3-amino- ϵ -caprolactam was added and the mixture was stirred 5 h at room temperature to give 13.5 g 3-(2,6-difluorobenzoylaminog)- ϵ -caprolactam which (8.96 g) was refluxed 24 h, with 8.96 g P4510 in pyridine to give 23.8% I ($R_1 = H$, $R_2 = 2,6\text{-F}_2\text{C}_6\text{H}_3$) (II). II and I [$R_1 = H$, $R_2 = (\text{Z})\text{-Et}2\text{NC}_6\text{H}_4\text{CH}_2\text{CH}_3$] (III) in vitro inhibited 8 and 100%, resp., rat aorta contraction induced by Et₃NCl and BaCl₂ and gave no inhibition of the one induced by 80 mM KCl. II and III at 1 mg/kg i.v. lowered 49 and 46%, resp. the blood pressure of rats. A total of 175 I were prepared

=> d_ibib_abs_hitstr 2

L9 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1992:83664 CAPLUS
DOCUMENT NUMBER: 116:183664
ORIGINAL REFERENCE NO.: 116:14251a,14254a
TITLE: Preparation of
5,6,7,8-tetrahydro-4H-thiazolo[5,4-b]azepine
derivatives as antihypertensives
INVENTOR(S): Aono, Tetsuya; Shimamoto, Norio
PATENT ASSIGNEE(S): Takeda Chemical Industries, Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 63 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|--------|-----------|-----------------|----------|
| JP 03206042 | A | 19910909 | JP 1990-833 | 19900106 |
| PRIORITY APPLN. INFO.: | | | JP 1990-833 | 19900106 |
| OTHER SOURCE(S): | MARPAT | 116:83664 | | |
| GT | | | | |



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g 3-amino- ϵ -caprolactam was added and the mixture was stirred 5 h at room temperature to give 13.5 g 3-(2,6-difluorobenzoylamino)- ϵ -caprolactam which (8.96 g) was refluxed 24 h, with 8.96 g Pd501 in pyridine to give 23.8% I ($R_1 = H$, $R_2 = 2,6\text{-F}_2\text{C}_6\text{H}_3$) (II). II and I [$R_1 = H$, $R_2 = (Z)\text{-}4\text{-Et}2\text{C}_6\text{H}_4\text{CH:CH}$] (III) in vitro inhibited 8 and 100%, resp., rat aorta contraction induced by Et₃NCl and BaCl₂ and gave no inhibition of

the one induced by 80 mM KCl. II and III at 1 mg/kg i.v. lowered 49 and 46%, resp. the blood pressure of rats. A total of 175 I were prepared

IT 537-73-5, 3-Hydroxy-4-methoxycinnamic acid
RL: RCT (Reactant); RACT (Reactant or reagent)
(acylation by, of aminocaprolactam)

RN 537-73-5 CAPIUS

CN 2-Propenoic acid, 3-(3-hydroxy-4-methoxyphenyl)- (CA INDEX NAME)

